Fig. 1
(Related art)

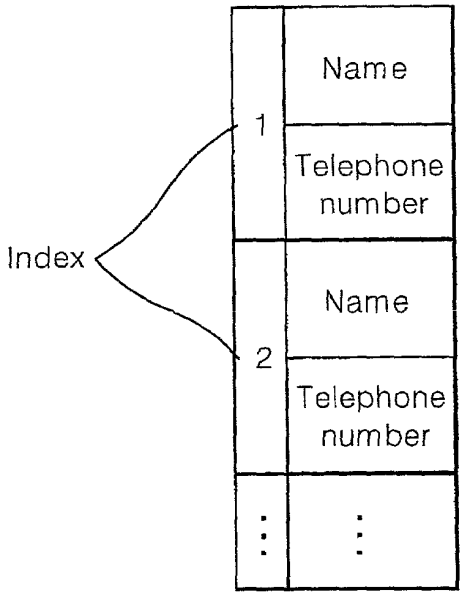


Fig. 2

(Related art)

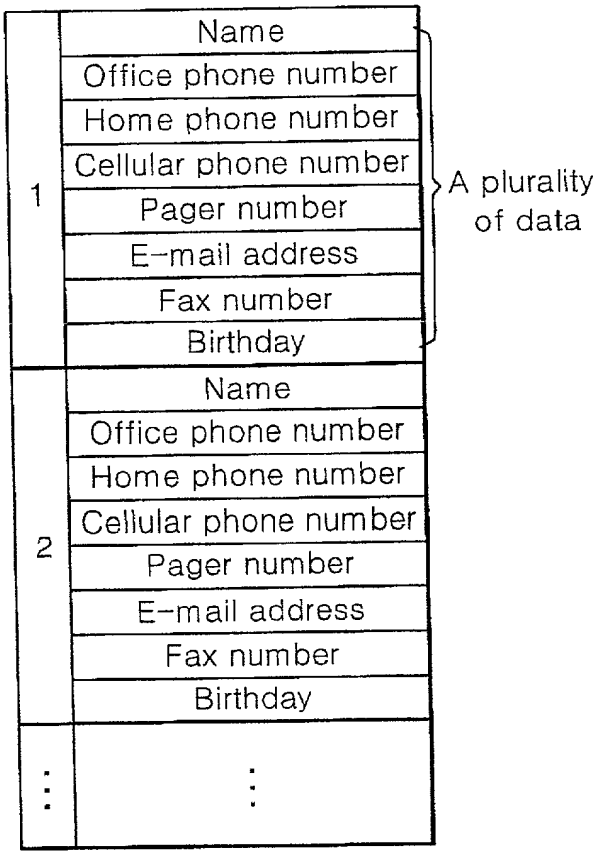


Fig. 3

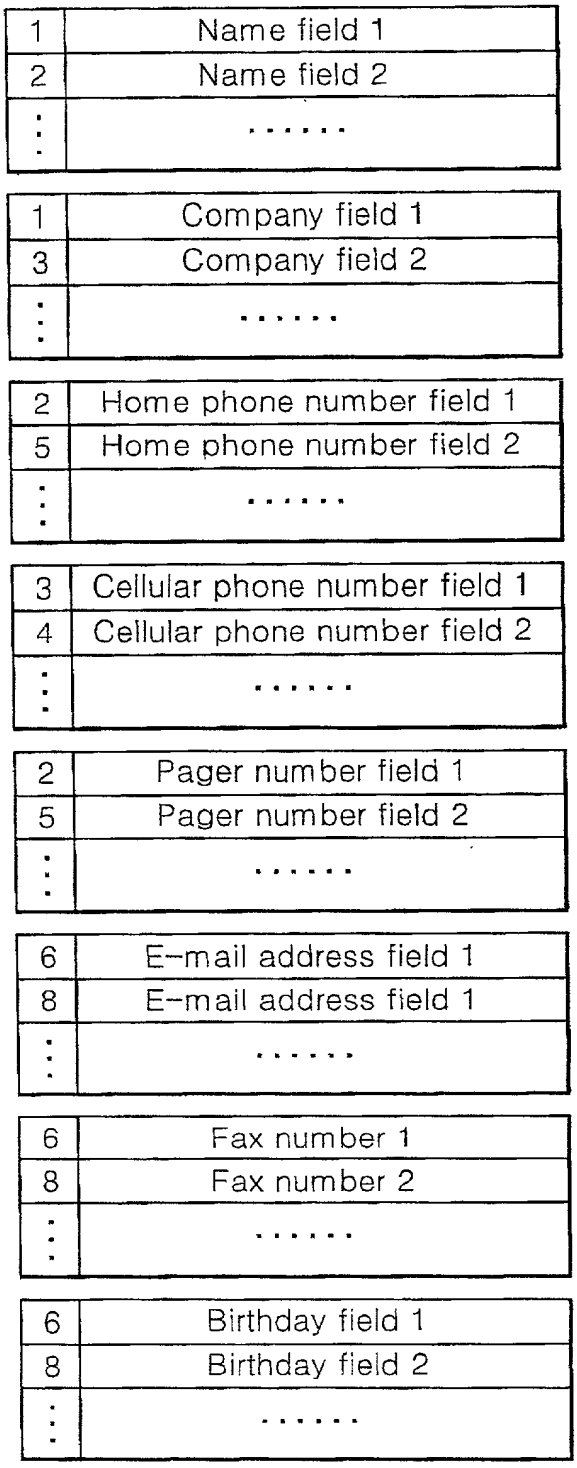

1
Name field 1
2
Name field 2
.....
1
Company field 1
3
Company field 2
.....
2
Home phone number field 1
5
Home phone number field 2
.....
3
Cellular phone number field 1
4
Cellular phone number field 2
.....
2
Pager number field 1
5
Pager number field 2
.....
6
E-mail address field 1
8
E-mail address field 1
.....
6
Fax number 1
8
Fax number 2
.....
6
Birthday field 1
8
Birthday field 2
.....

Fig. 4

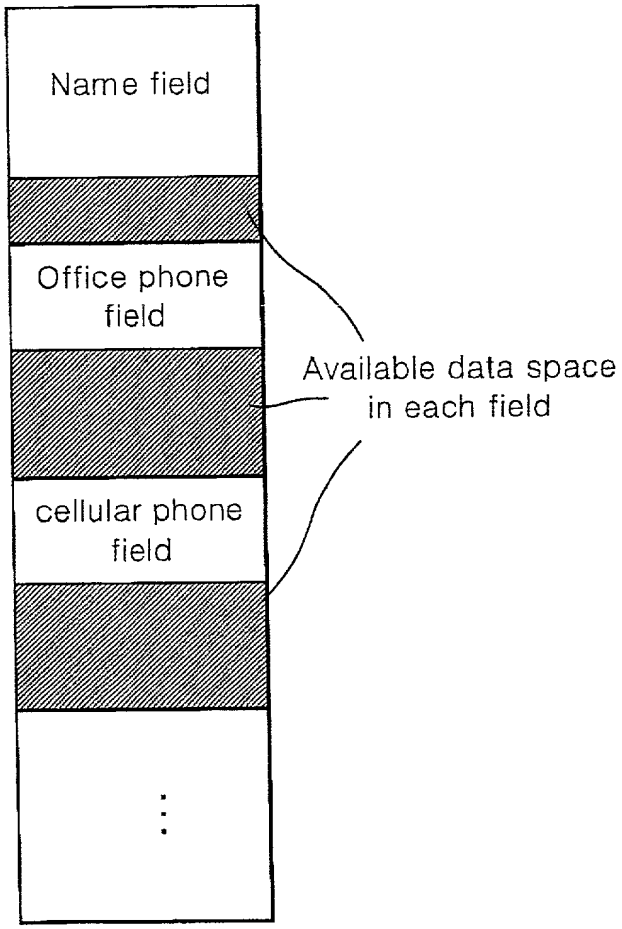
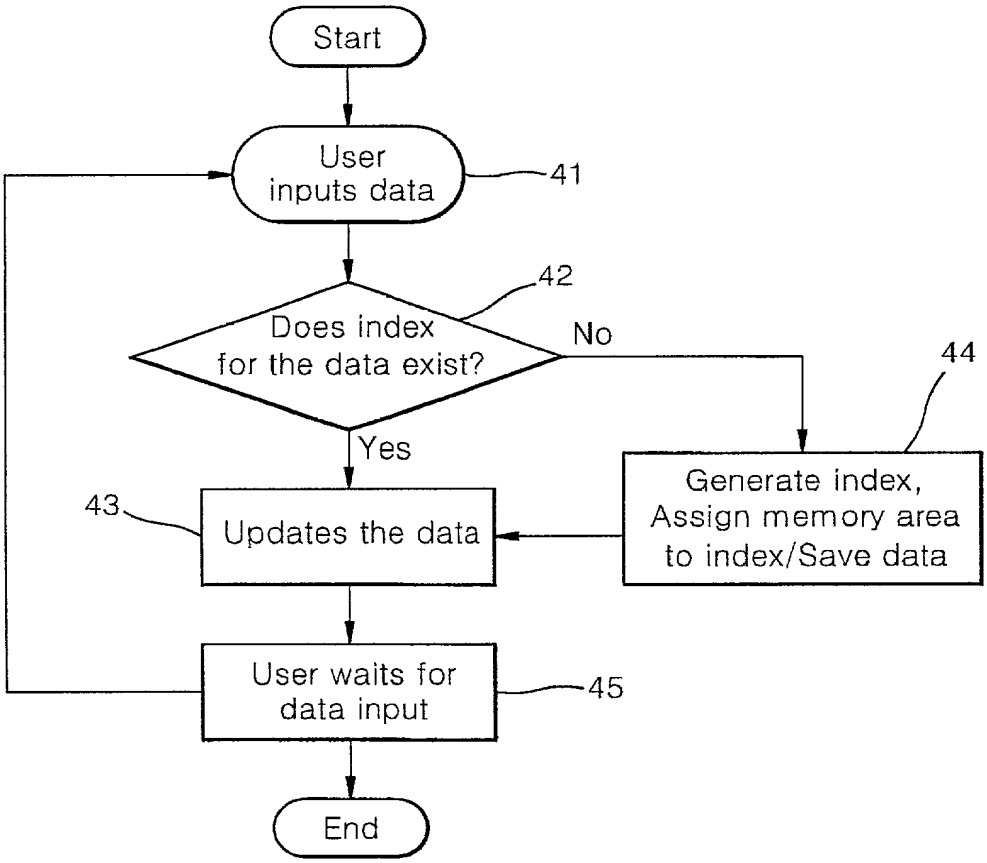

Name field
Office phone field
Available data space in each field
cellular phone field

Fig. 5


Start
User inputs data
41
42
Does index for the data exist?
No
44
Yes
43
Updates the data
Generate index, Assign memory area to index/Save data
User waits for data input
45
End